

FIG. 1

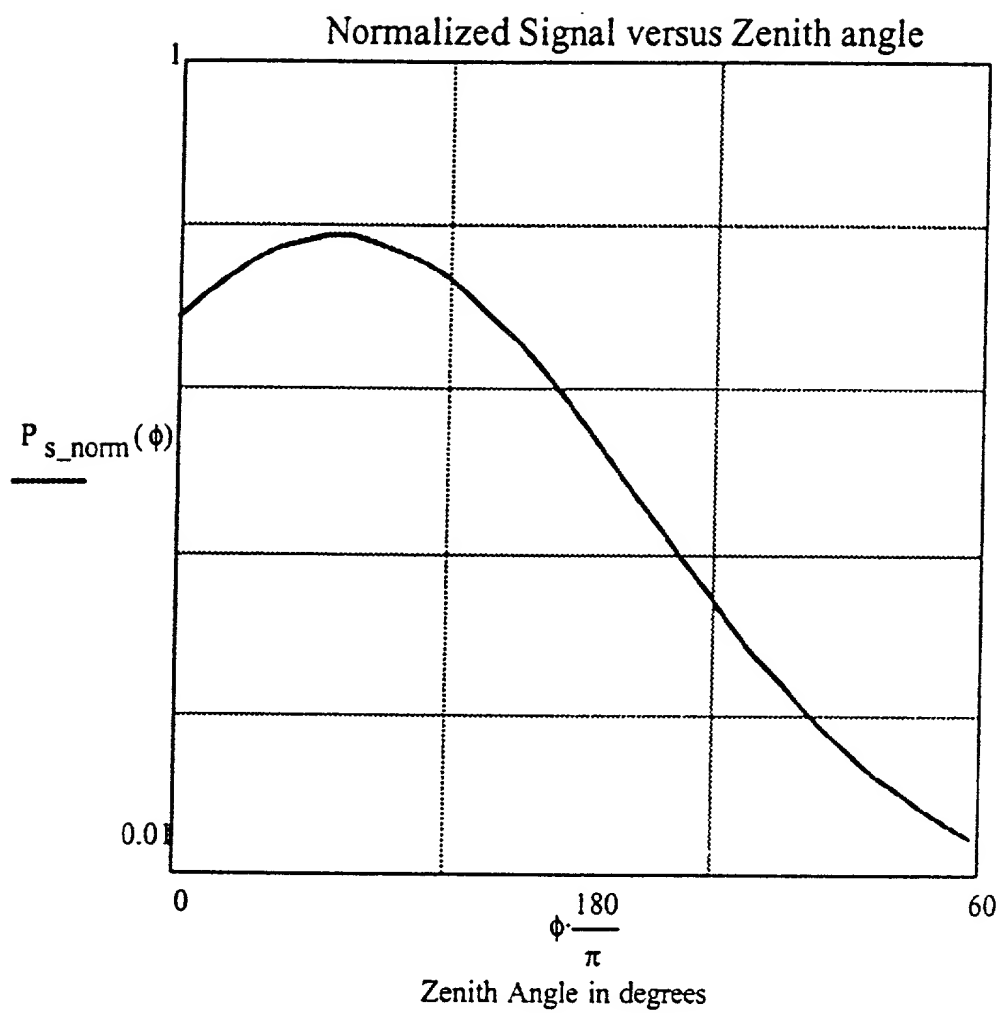
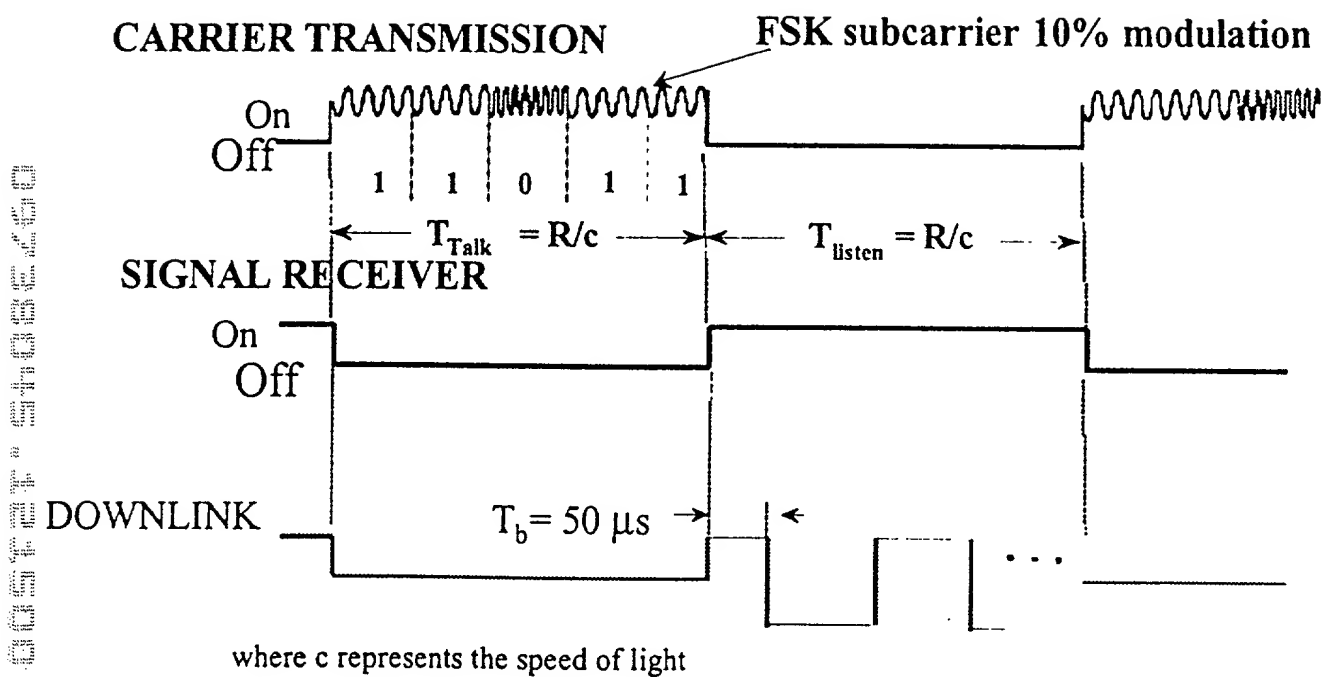


FIG. 2

Figure 1 is a log-log plot showing Power in dB versus Data Rate (bps). The y-axis ranges from -50 to 10 dB, and the x-axis ranges from 1000 to 10,000 bps. Two curves are plotted:  $P_{T1}(DR)$  (solid line) and  $P_{T2}(DR)$  (dotted line). Both curves show a linear increase in power with data rate.  $P_{T1}(DR)$  is consistently higher than  $P_{T2}(DR)$ .

FIG. 3



where  $c$  represents the speed of light

FIG. 4